

PTO/SB/21 (08-03)

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Approved for use through 8/30/2003. OMB 0651-0031

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| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> | Application Number   | 10/676,652             |          |
|  | Filing Date          | October 1, 2003        |          |
|  | First Named Inventor | Robert C. Chang        |          |
|  | Group Art Unit       | 2188                   |          |
|  | Examiner Name        | Unassigned             |          |
| Total Number of Pages in This Submission   |                      | Attorney Docket Number | SANDP035 |

| ENCLOSURES (check all that apply)   |  |  |
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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |  |
|--|--|
| Firm and Individual name                   | RITTER, LANG & KAPLAN LLP<br>Peggy A. Su Reg. No. 41,336 |
| Signature                                  |  |
| Date                                       | December 2, 2004   |

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| December 2, 2004  |                |      |                  |
| Typed or printed name   | Diane Elzingre |      |                  |
| Signature   |                | Date | December 2, 2004 |

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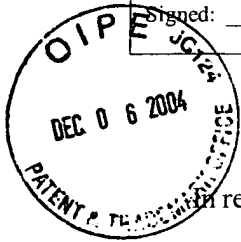
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Signed:

Diane Elzingre

Attorney Docket No. SANDP035  
**PATENT**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re application of:

Robert C. Chang et al.

Application No.: 10/676,652

Filed: October 1, 2003

For: HYBRID MAPPING  
IMPLEMENTATION WITHIN A NON-  
VOLATILE MEMORY SYSTEM

Examiner: Unassigned

Group: 2188

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§1.56 AND 1.97(c)**

Commissioner for Patents  
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Dear Sir:

The references listed in the attached PTO/SB/08A, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-1652 (Order No. SANDP035).

Respectfully submitted,

Peggy A. Su  
Reg. No. 41,336

RITTER, LANG & KAPLAN LLP  
12930 Saratoga Ave., Suite D1  
Saratoga, CA 95070  
(408) 446-8690



PTO/SB/08A (06-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of

**Complete if Known**

Application Number 10/676,652

Filing Date October 1, 2003

First Named Inventor Robert C. Chang

Art Unit 2188

Examiner Name Unassigned

Attorney Docket Number SANDP035

**U.S. PATENT DOCUMENTS**

| Examiner | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|----------|-----------------------|--|--------------------------------|--|---|
|          |                       | Number Kind Code <sup>2</sup> (if known) |                                |  |   |
|          | AA                    | US-2001/001065                           | 07-26-2001                     | Chiba  |   |
|          | AB                    | US-6,405,295                             | 06-11-2002                     | Bando  |   |
|          | AC                    | US-                                      |                                |  |   |
|          | AD                    | US-                                      |                                |  |   |
|          | AE                    | US-                                      |                                |  |   |
|          | AF                    | US-                                      |                                |  |   |
|          | AG                    | US-                                      |                                |  |   |
|          | AH                    | US-                                      |                                |  |   |
|          | AI                    | US-                                      |                                |  |   |
|          | AJ                    | US-                                      |                                |  |   |
|          | AK                    | US-                                      |                                |  |   |
|          | AL                    | US-                                      |                                |  |   |
|          | AM                    | US-                                      |                                |  |   |
|          | AN                    | US-                                      |                                |  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup>           |
|-----------------------|--------------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|---|--|--------------------------|
|                       |                          | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |                                |   |  |                          |
|                       | AO                       | WO                        | 02/058074           | A2                                | 07-25-2002                     | SanDisk Corporation                                   |  | <input type="checkbox"/> |
|                       | AP                       |                           |                     |                                   |                                |   |  | <input type="checkbox"/> |
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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